



UNITED STATES MARINE CORPS

MARINE RESERVE FORCE, FMF, USMC
4400 DAUPHINE STREET
NEW ORLEANS, LOUISIANA 70146-5400

ForO 11300.2

BOS

23 MAY 1995

ORIGINAL

FORCE ORDER 11300.2

From: Commander

To: Distribution List

Subj: ANNUAL BOILER AND UNFIRED PRESSURE VESSEL INSPECTION

Ref: (a) MCO P11000.9

(b) NAVFAC MO-324 (NOTAL)

Encl: (1) Sample Copy, NAVFAC 9-11014/40 (9-69)

(2) Sample Copy, Unfired Pressure Vessel Report

(3) Sample Copy, NAVFAC 9-11014/32 (3-67)

1. Purpose. To provide guidance on methods of accomplishing boiler and unfired pressure vessel inspections as required by the references.

2. Cancellation. ForO 11300.1.

3. Background

a. Boiler and unfired pressure vessels are potentially dangerous systems and require inspections annually to ensure continued safe operation. An air receiver, as used with an air compressor, is an unfired pressure vessel. Water heaters are not included in this Order.

b. It is absolutely essential that personnel responsible for boiler and unfired pressure vessel inspections be thoroughly trained and experienced.

c. The following are satisfactory methods for accomplishing inspections on boilers and unfired pressure vessels. The method selected by activities shall be the method having the least annual cost.

(1) Locally administered contract (Unit Commander CANNOT EXCEED \$2000.00).

(2) Naval Facilities Engineering Command (NAVFACENGCOM), Engineering Field Division (EFD), and other government agencies.

(3) Activity personnel will not attempt to repair boilers, fired or unfired, at any time! Scheduled inspections will be made by certified contract personnel or qualified government

23 MAY 1995

personnel only. All heating boilers shall receive annual inspections as directed in paragraph 4 below. Unfired pressure vessels over five (5) cubic feet will be certified every two (2) years as set forth in paragraph 4 below.

d. Inspection Reports and Certificates. The following reports and certificates will be utilized during inspection procedures:

(1) Data Record Sheet-Boilers (Form NAVFAC 9-11014/40 (9-69)), (Enclosure (1)). Inspected activity retains original and will forward a copy to Marine Forces Reserve (MARFORRES) Base Operations Section (BOS) upon initial inspection of a new boiler or pressure vessel. MARFORRES (BOS) will file a copy of the Data Record Sheet in a Permanent Facility History File (PFHF).

(2) Unfired Pressure Vessel Report, (Enclosure (2)). Inspected activity retains one (1) copy on file and forwards one (1) copy to MARFORRES (BOS).

(3) Inspection Certificates for Boiler or Unfired Pressure Vessel (Form NAVFAC 911014/32 (3-67)), (Enclosure (3)). Activity will retain the original and display it on the boiler/vessel or in the boiler/vessel room and forward a copy to MARFORRES (BOS). Whenever a certificate is withheld, the inspector shall advise MARFORRES (BOS) immediately in writing.

4. Action. All MARFORRES activities utilizing boilers or unfired pressure vessels will ensure that inspections addressed in paragraph 3d above are conducted prior to 1 September each year, and that a copy of the Inspection Certificate is posted on or near the boiler or pressure vessel, as required. Tenants of Marine Reserve units will notify the host of compliance if separate boilers are used.

a. Hosted activities will ensure that a host unit properly addresses boiler and unfired pressure vessel inspections in Interservice Support Agreements (ISA's), and that required inspections are conducted.

b. Marine Corps owned activities will ensure that boiler and unfired pressure vessel inspections are conducted as follows:

(1) Prior to 1 September annually.

(2) After repairs affecting mechanical operation of the boiler or unfired pressure vessel device.

ForO 11300.2
23 MAY 1995

(3) Ensure documents are maintained as directed in paragraph 3d of this Order.

c. During all scheduled MARFORRES (BOS) site visits, the MARFORRES (BOS) representatives will check the activity annual inspection reports file and verify that inspection certificates are properly posted.

d. It is the responsibility of all Unit Commanders of Marine Corps Owned (MCO) facilities to identify to this Command, existing boiler maintenance contracts and report renewal of contracts to MARFORRES (BOS) at least 90 days prior to expiration. If MCO sites do not have a current boiler maintenance contract, then a contract must be requested in writing to MARFORRES (BOS), with all pertinent information on number of boilers, manufacturer, BTU's, etc. MARFORRES (BOS) will then arrange for a locally awarded contract.

(1) It will be the responsibility of the active duty staff to budget for inspections of boilers/unfired pressure vessels annually/biannually. Note: Inspection same as certification.

(2) Repairs to boilers or unfired pressure vessels is the responsibility of the Unit Commander up to \$2,000.00. Repairs over \$2,000.00 will be funded by MARFORRES (BOS) upon written request.

5. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.


J. M. MALONEY
Chief of Staff

DISTRIBUTION: D
Copy to: CMC (LFF)

ACQ1:YJ07 200701110004

4 MAR 1993

UNFIRED PRESSURE VESSEL REPORT

EXP. DATE		TYPE OF INSPECTION	
DATE OF INSPECTION		A () INTERNAL () EXTERNAL () B () PRESSURE TEST C () OPERATIONAL TEST	
1. FROM:		9. CERTIFICATE ISSUED YES () NO ()	
2. TO:		10. BOILER INSPECTOR	
3. MANUFACTURER		11. REASON FOR NOT ISSUING A CERTIFICATE	
4. PROPERTY No.	5. SERIAL No.		
6. BUILDING No.	7. YEAR BUILT	8. CAPACITY (CU.FT.)	
12. PRESSURE DESIGN	OPER.	TEST	13. UPV USE
14. MANUFACTURER		SAFETY VALVES 15. CAPACITY (CFM)	16. No. OF VALVES
17. SIZE () ()	18. SETTING (PSI) () ()		19. VALVE CONDITION
20. INSPECTORS COMMENTS:			
21. ATTACHMENTS		22. SIGNATURE	

ForO 11300.1
4 MAR 1993

SAMPLE COPY, NAVFAC 9-11014/32 (3-67)

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
INSPECTION CERTIFICATE FOR: <input type="checkbox"/> BOILER <input type="checkbox"/> UNFIRED PRESSURE VESSEL		
ACTIVITY	LOCATION	SERIAL NO.
NATIONAL BOARD NO.	WAKE	PRESSURE ALLOWED
THIS CERTIFICATE EXPIRES		
THIS BOILER OR VESSEL HAS BEEN INSPECTED AND APPROVED FOR OPERATION AT A PRESSURE SHOWN ABOVE:		
TYPE OF INSPECTION <input type="checkbox"/> EXTERNAL <input type="checkbox"/> INTERNAL <input type="checkbox"/> PRESSURE <input type="checkbox"/> OPERATIONS		
NAME		DATE
		FIELD DIVISION INSPECTOR
POST THIS CERTIFICATE UNDER GLASS NEAR THE BOILER OR VESSEL.		

NAVFAC 9-11014/32 (3-67) Supersedes NAVFAC 9-11014/32 1970 & 1977 S/N 0105-LF-003 0000 U.S. GPO: 1982-805-610/7286 2-1

8-21108

ENCLOSURE (3)



UNITED STATES MARINE CORPS

Marine Forces Reserve, FMF, USMC
4400 Dauphine Street
New Orleans, Louisiana 70146-5400

ForO 11300.2 Ch 1
BOS
9 SEP 1997

FORCE ORDER 11300.2 Ch 1

From: Commander
To: Distribution List


Subj: ANNUAL BOILER AND UNFIRED PRESSURE VESSEL INSPECTION

1. Purpose. To direct pen changes to the basic Order.
2. Action.

a. Replace paragraph 5 with new paragraph 5. "5 Boiler Permits. It is the responsibility of the owner or operator of boilers to ensure they are permitted for operation under the Clean Air Act. Units who fall within this category shall contact their State or local environmental regulatory agency to determine if a boiler permit is required. If the boiler is required to be permitted Commanders will notify this Command (BOS, Environmental) with all of the information necessary to permit the boiler. This Command (BOS, Environmental) will provide the necessary technical support in obtaining the permit. Funding for this permit is the responsibility of the owner or operator."

b. Change existing paragraph 5 to paragraph 6.

3. Filing Instructions. File this change transmittal immediately behind the signature page of the basic Order.


D. R. SELVAGE
Chief of Staff

DISTRIBUTION: D